JOURNAL

OF THE

IMPERIAL FISHERIES INSTITUTE

Vol. XXVII. No. 1, 2.

March, 1932

THE IMPERIAL FISHERIES INSTITUTE

Tokyo

CONTENTS OF Vol. XXVII.

Page.

Two New Genera and Species of Cottoid Fishes from Japan. —K. SAKAMOTO 1

On a Collection of Tide-Pool Fishes from Prov. Bôsyû, with a Description of One New Species. —K. SAKAMOTO 7

Sexual Demorphism in a File Fish, *Cantherinus modestus.* (Günther) —K. EBINA 15

Buccal Incubation in the Two Sexes of a Percoid Fish, *Apogon semilineatus* T. & S. —K. EBINA 19

New Freshwater Species of Chaetomorpha. (Pl. I.) —S. UEDA 23

Relation between the Growth of Bacteria and the Change of Quality of Scomber Flesh at Low Temperatures. —K. SARUYA 25

A New Form of Electric Fish Screen. —M. TAUTI 33

Change of Rigidity of Fish Body during Decomposition. —Y. YAMAMURA 45

Supplying of Intermittent Current to Electric Fish Screen. —M. TAUTI and H. YASUDA 55

Duration of Life and Rate of Reproduction of the Water-flea, *Moina macrocopa* Strauss, with Special Reference to Rate of Living. —A. TERAO 63